

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013659.D
 Acq On : 27 Nov 2019 18:11
 Operator : JC/SP
 Sample : K6027-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 03:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	627363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1002474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	905931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	418602	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	362322	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	5.49	113	302584	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	1201247	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	405427	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

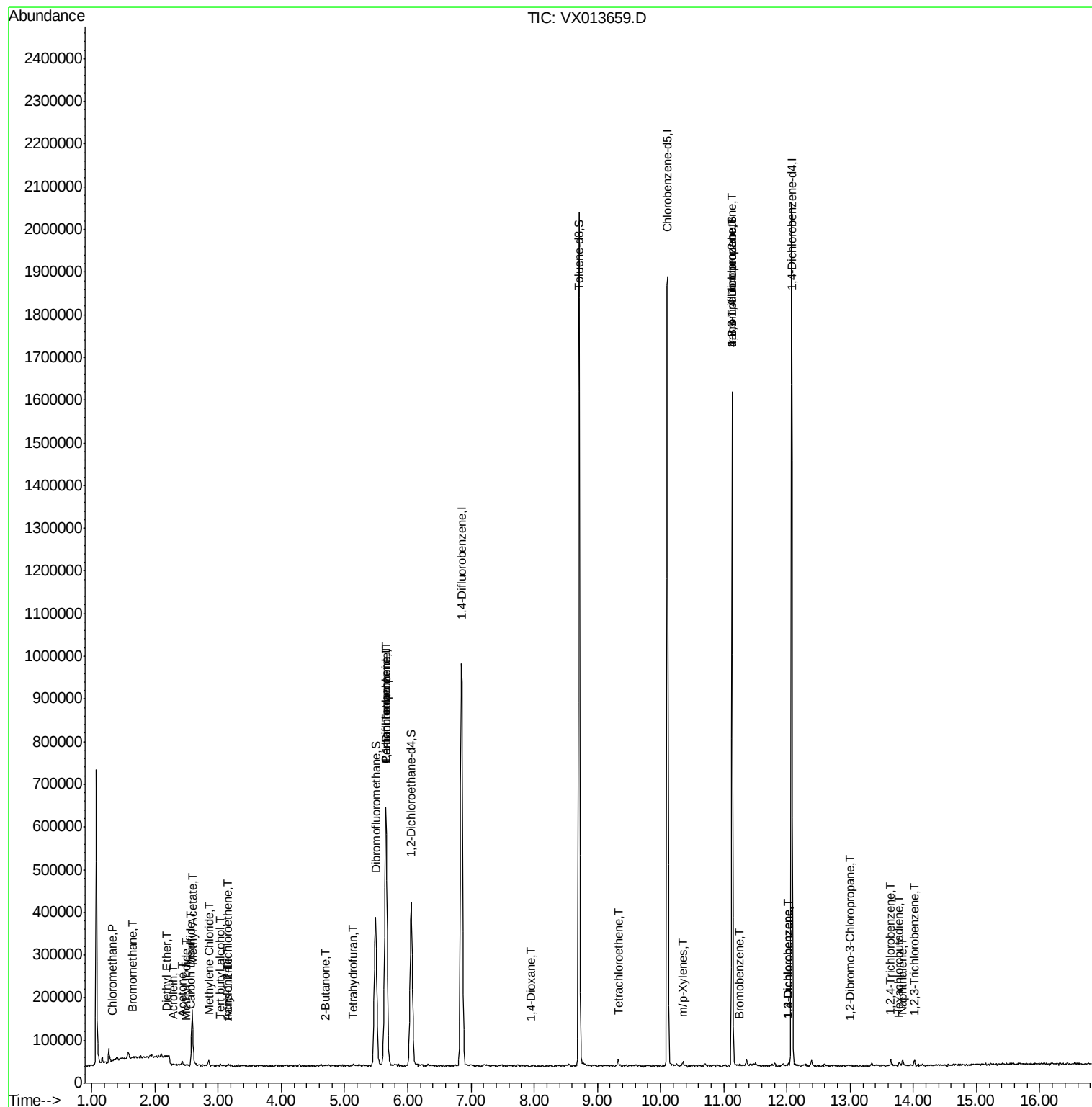
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1963	0.251	ug/l #	42
5) Bromomethane	1.64	94	2342	0.395	ug/l #	66
8) Diethyl Ether	2.19	74	899	0.203	ug/l	57
10) Methyl Iodide	2.50	142	2127	0.294	ug/l #	69
11) Tert butyl alcohol	3.03	59	4648	2.586	ug/l #	74
13) Acrolein	2.29	56	513	6.420	ug/l #	15
15) Acrylonitrile	3.15	53	1670	0.450	ug/l #	47
16) Acetone	2.44	43	12161	3.382	ug/l	99
17) Carbon Disulfide	2.56	76	4872	0.286	ug/l #	88
18) Methyl Acetate	2.59	43	36356	3.631	ug/l #	53
20) Methylene Chloride	2.85	84	7329	1.061	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	1514	0.233	ug/l #	29
25) 2-Butanone	4.70	43	1185	0.222	ug/l #	78
29) Tetrahydrofuran	5.14	42	2117	0.643	ug/l #	72
36) 1,1-Dichloropropene	5.65	75	43116	4.738	ug/l #	52
38) Carbon Tetrachloride	5.65	117	55095	6.566	ug/l #	15
49) 1,4-Dioxane	7.96	88	492	2.692	ug/l	92
64) Tetrachloroethene	9.33	164	1752	0.259	ug/l #	79
68) m/p-Xylenes	10.36	106	3071	0.248	ug/l	85
76) 1,2,3-Trichloropropane	11.14	75	198179	21.049	ug/l #	39
77) Bromobenzene	11.26	156	1777	0.224	ug/l	78
81) trans-1,4-Dichloro-2-buten	11.14	75	198179	57.586	ug/l #	11
87) 1,3-Dichlorobenzene	12.03	146	3043	0.220	ug/l	88
88) 1,4-Dichlorobenzene	12.03	146	3058	0.217	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	13.01	75	904	0.408	ug/l	66
93) 1,2,4-Trichlorobenzene	13.64	180	3728	0.392	ug/l	83
94) Hexachlorobutadiene	13.78	225	1616	0.353	ug/l	94
95) Naphthalene	13.83	128	9267	0.327	ug/l #	82
96) 1,2,3-Trichlorobenzene	14.02	180	3142	0.333	ug/l	88

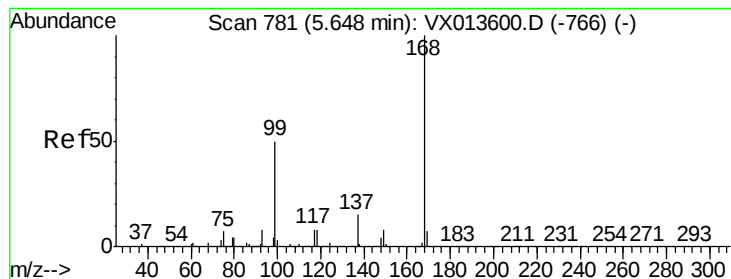
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

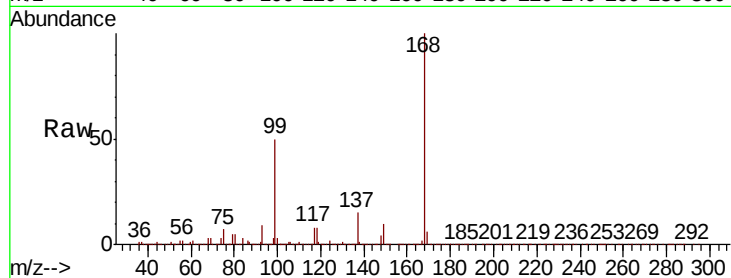
ClientSampled :

Tot Ion:168 Resp: 627363

Ion Ratio Lower Upper

168 100

99 49.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

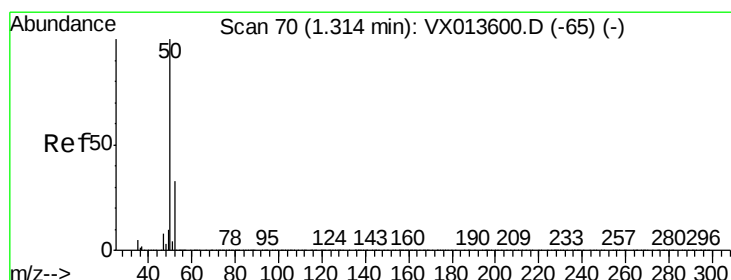
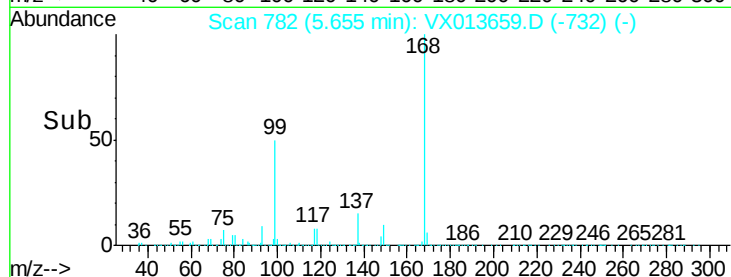
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.251 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013659.D

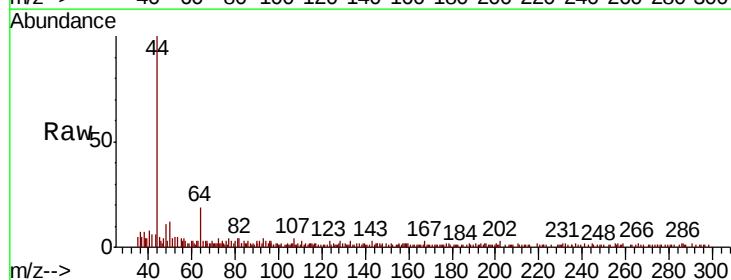
Acq: 27 Nov 2019 18:11

Tgt Ion: 50 Resp: 1963

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

600

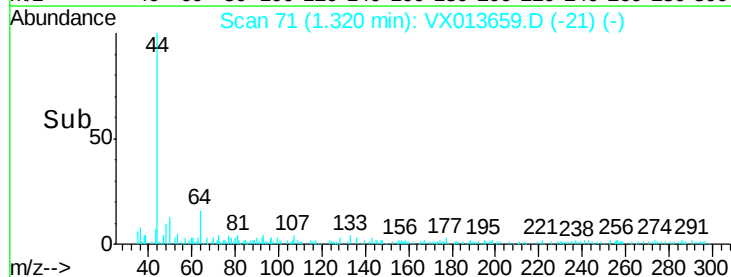
400

200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.395 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

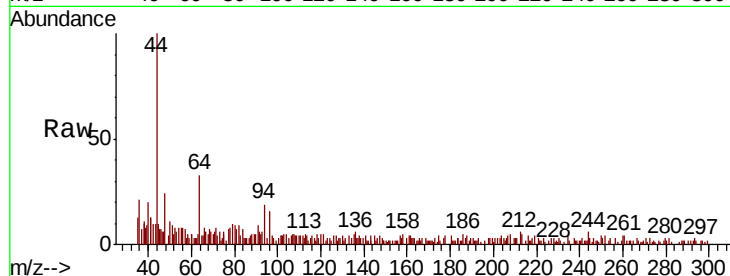
ClientSampled :

Tot Ion: 94 Resp: 2342

Ion Ratio Lower Upper

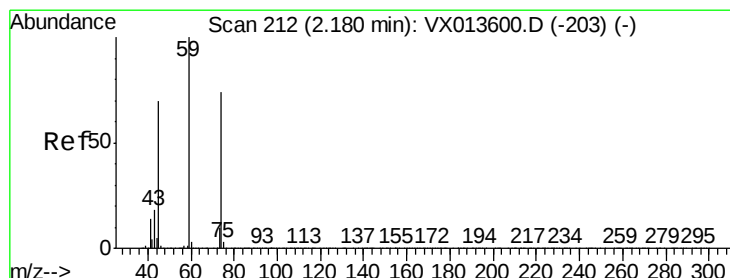
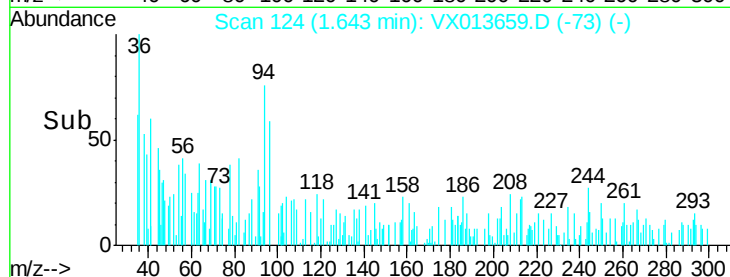
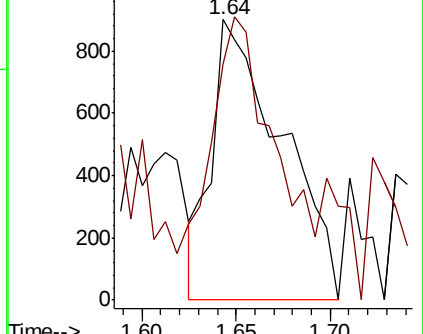
94 100

96 63.1 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 0.203 ug/l

RT: 2.19 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX013659.D

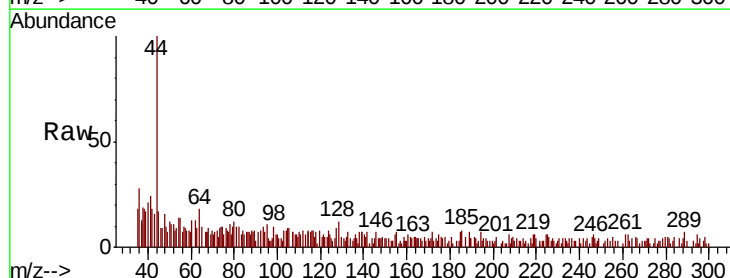
Acq: 27 Nov 2019 18:11

Tgt Ion: 74 Resp: 899

Ion Ratio Lower Upper

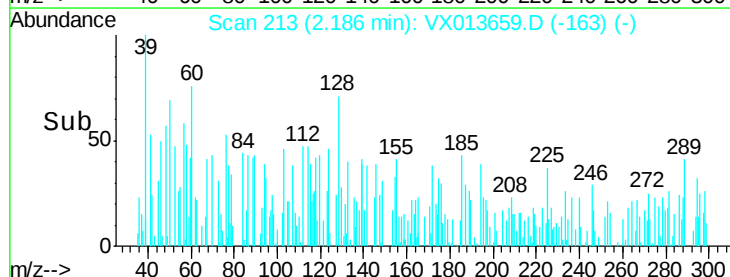
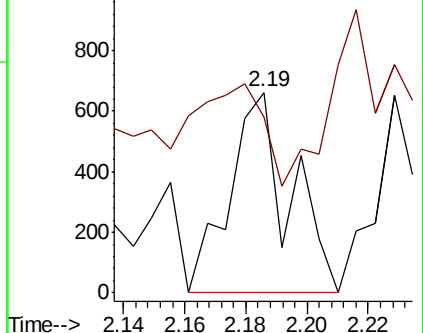
74 100

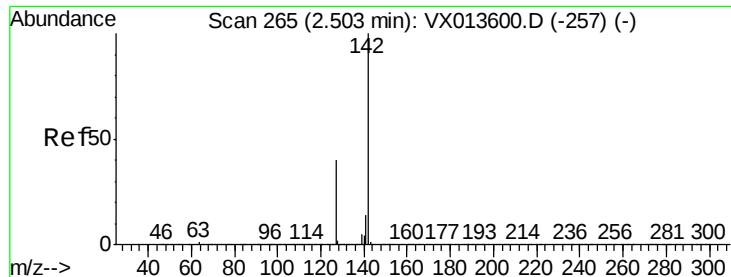
45 55.7 48.9 146.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

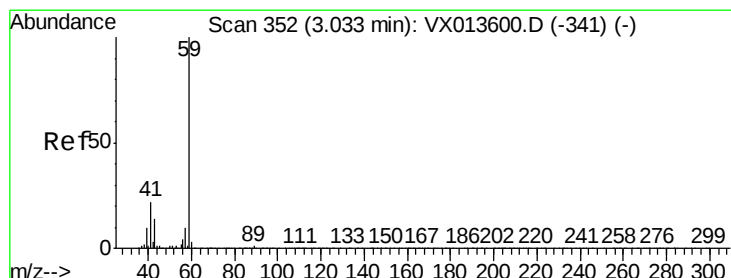
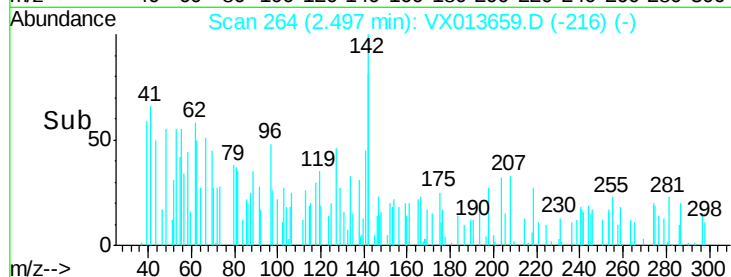
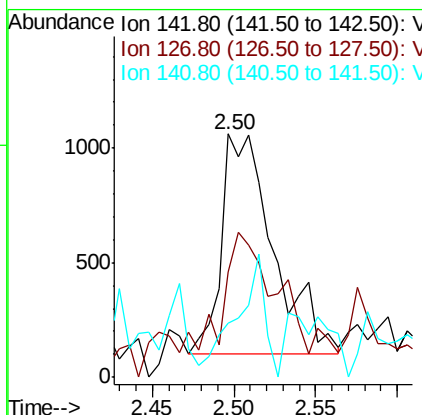
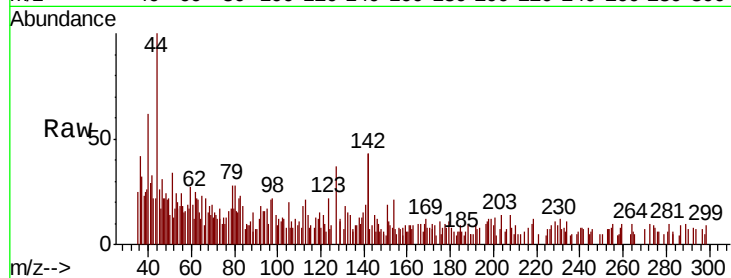




#10
Methvl Iodide
Concen: 0.294 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

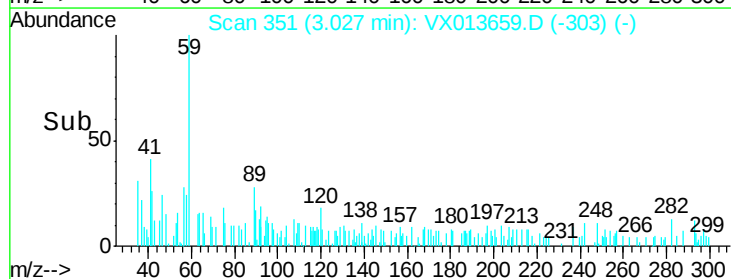
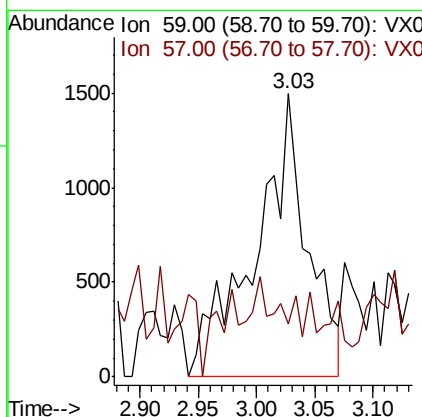
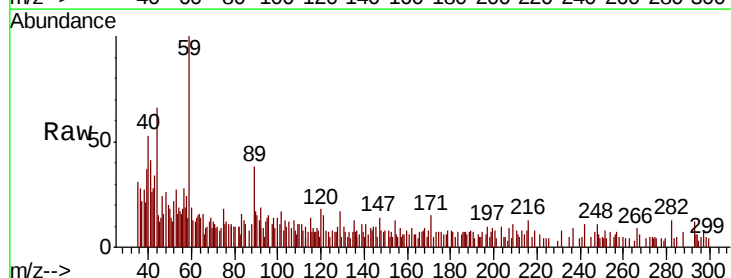
Instrument :
MSVOA_X
ClientSampleId :

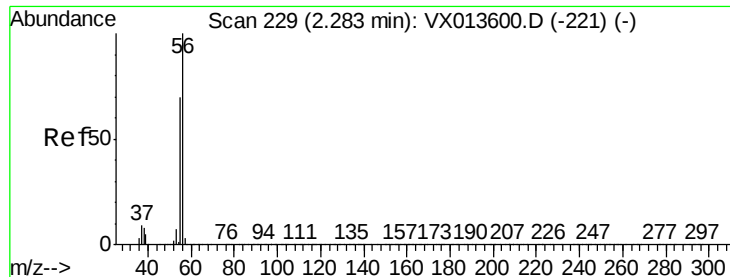
Tot Ion:142 Resp: 2127
Ion Ratio Lower Upper
142 100
127 55.6 31.0 46.4#
141 31.1 11.6 17.4#



#11
Tert butyl alcohol
Concen: 2.586 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

Tgt Ion: 59 Resp: 4648
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#13

Acrolein

Concen: 6.420 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

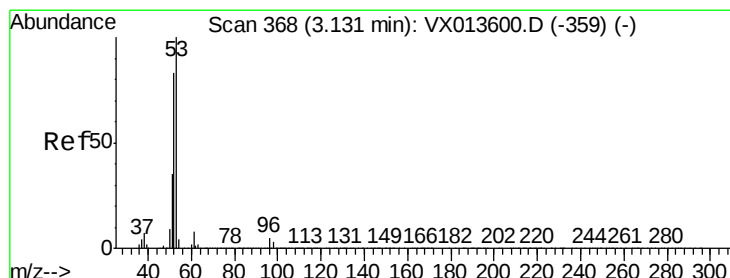
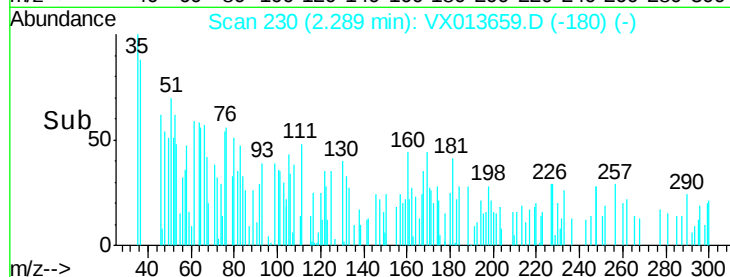
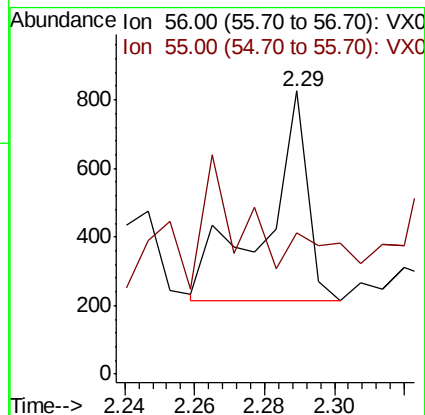
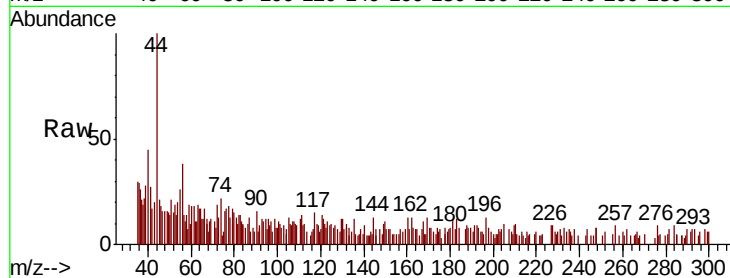
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 513

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#



#15

Acrylonitrile

Concen: 0.450 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.02 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

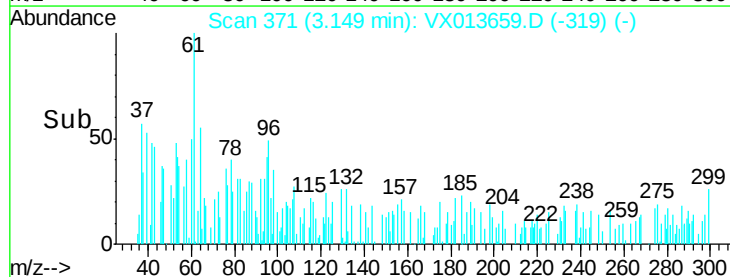
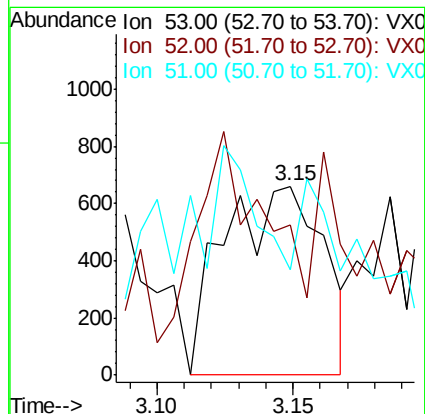
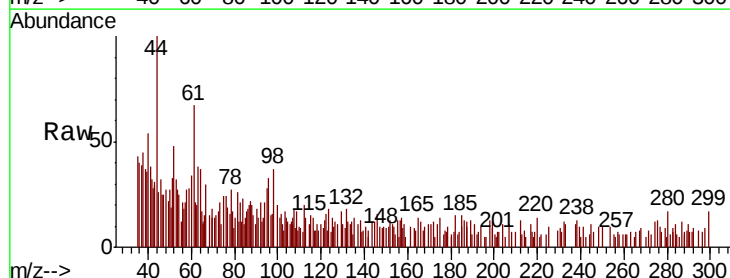
Tgt Ion: 53 Resp: 1670

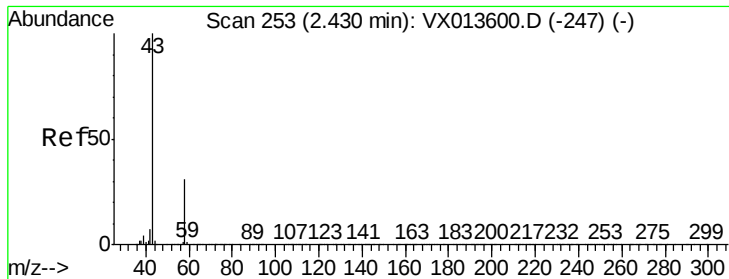
Ion Ratio Lower Upper

53 100

52 24.7 66.2 99.2#

51 52.0 29.0 43.6#

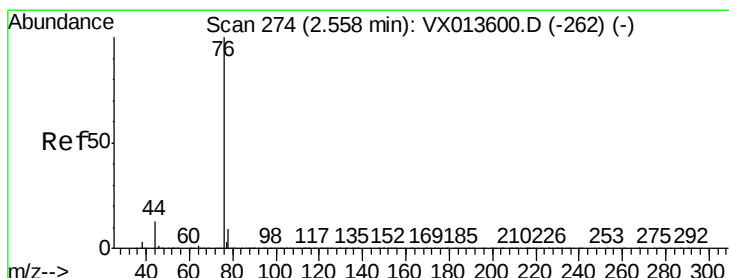
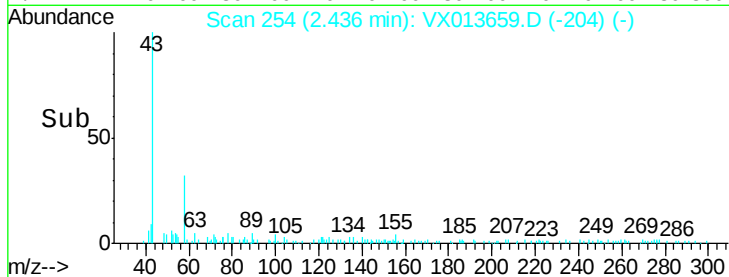
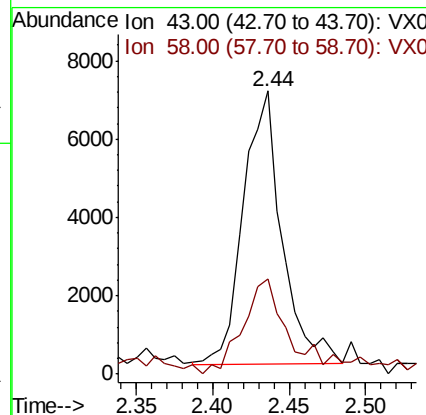
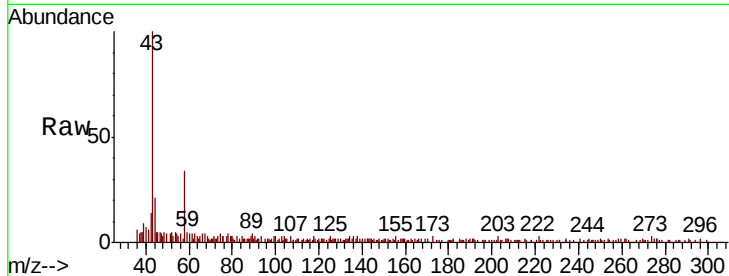




#16
Acetone
Concen: 3.382 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

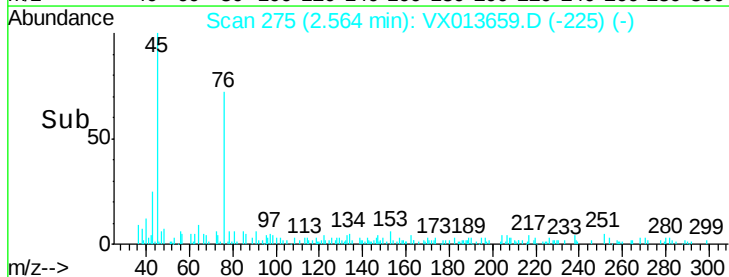
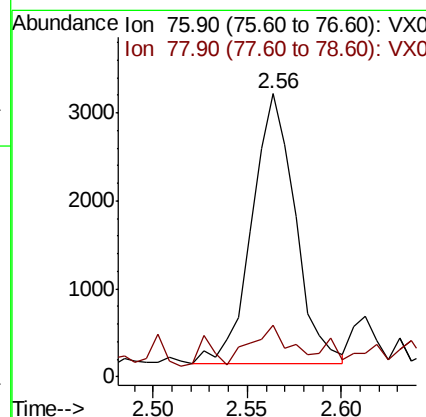
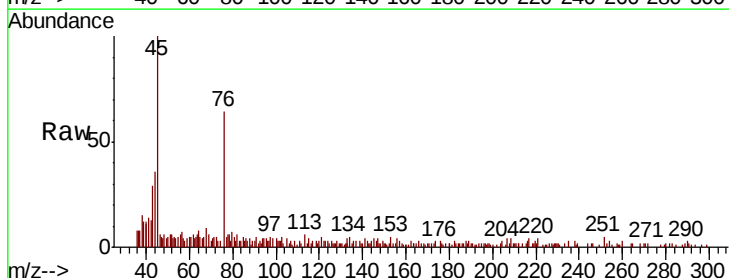
Instrument :
MSVOA_X
ClientSampleId :

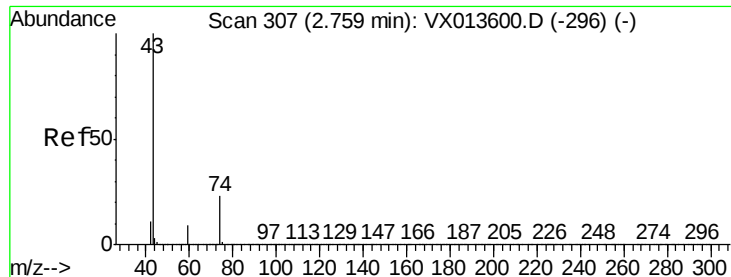
Tot Ion: 43 Resp: 12161
Ion Ratio Lower Upper
43 100
58 31.5 24.6 36.8



#17
Carbon Disulfide
Concen: 0.286 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

Tgt Ion: 76 Resp: 4872
Ion Ratio Lower Upper
76 100
78 13.5 7.2 10.8#

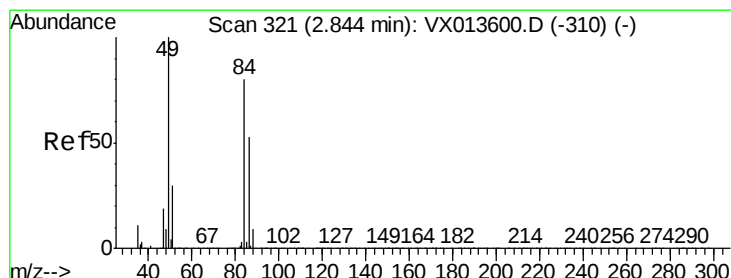
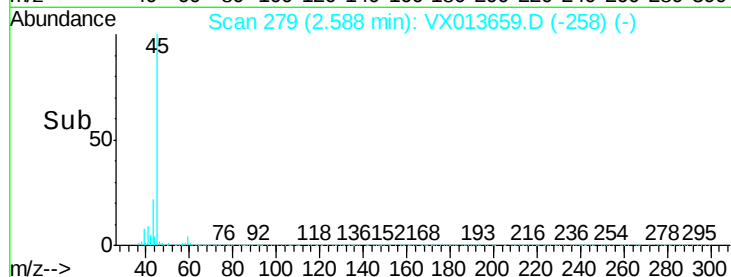
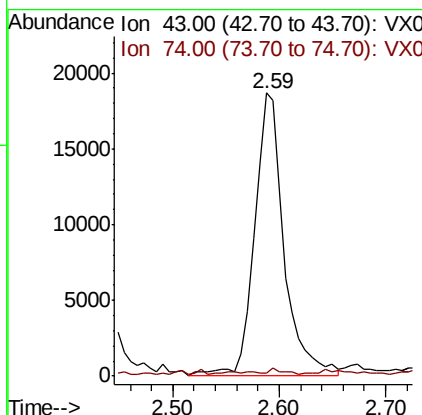
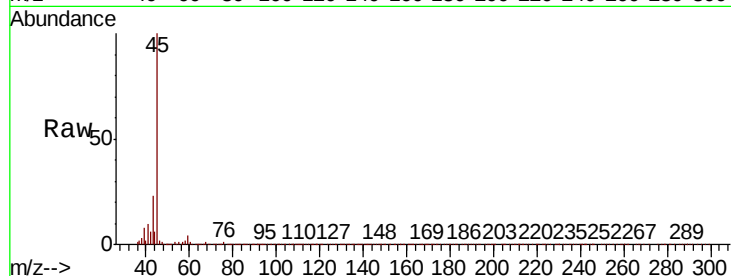




#18
Methyl Acetate
Concen: 3.631 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.17 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

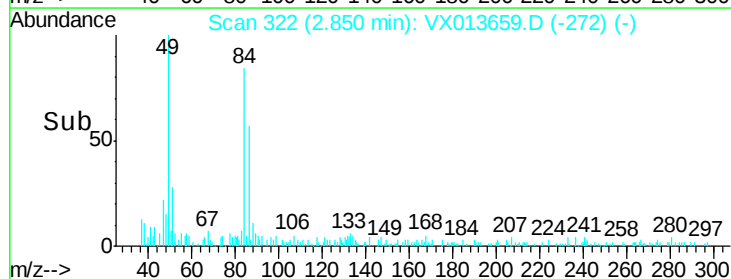
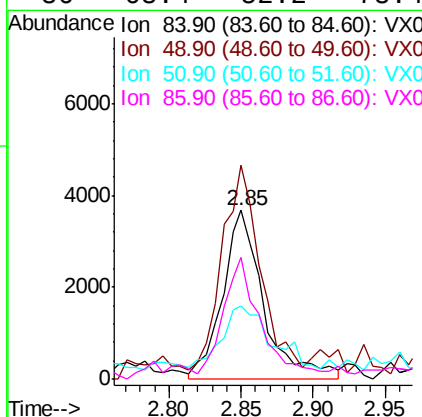
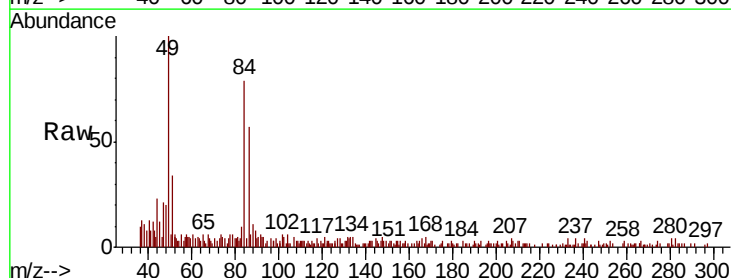
Instrument :
MSVOA_X
ClientSampleId :

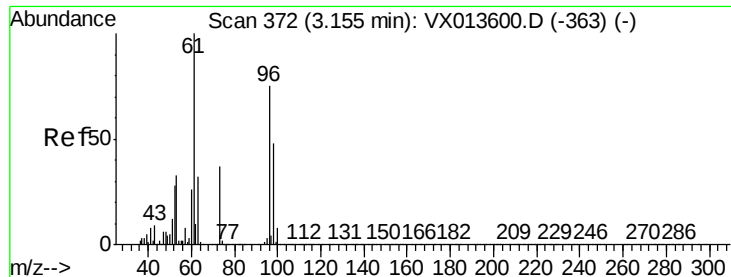
Tot Ion: 43 Resp: 36356
Ion Ratio Lower Upper
43 100
74 0.9 19.5 29.3#



#20
Methylene Chloride
Concen: 1.061 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

Tgt Ion: 84 Resp: 7329
Ion Ratio Lower Upper
84 100
49 126.0 99.7 149.5
51 38.1 29.9 44.9
86 68.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 0.233 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampled :

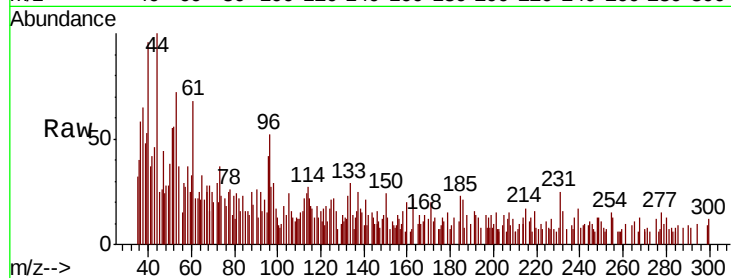
Tot Ion: 96 Resp: 1514

Ion Ratio Lower Upper

96 100

61 56.0 107.2 160.8#

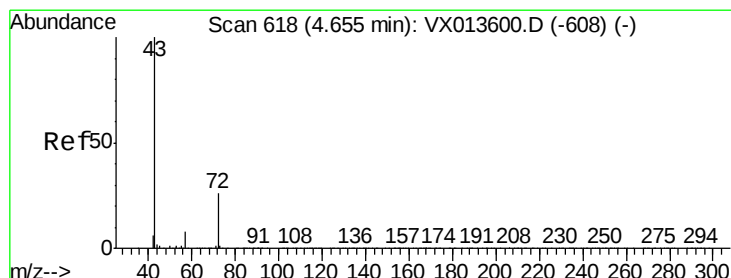
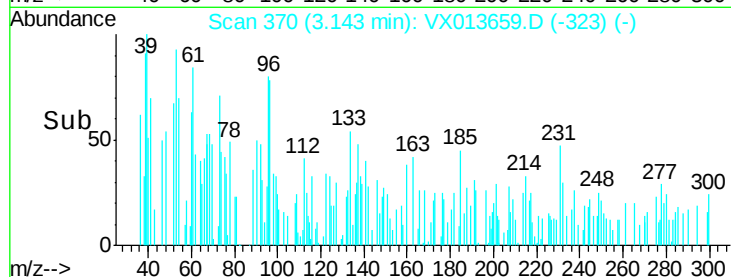
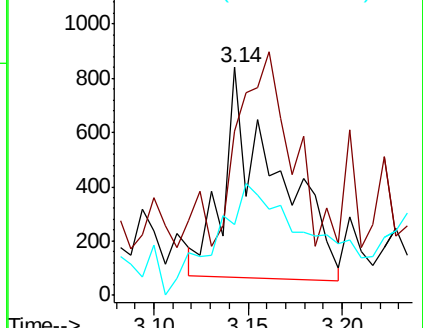
98 0.0 51.4 77.0#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.222 ug/l

RT: 4.70 min Scan# 625

Delta R.T. 0.04 min

Lab File: VX013659.D

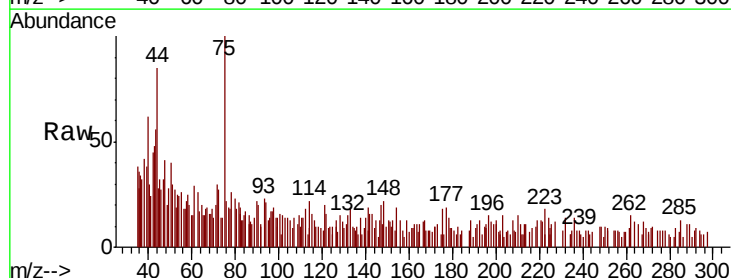
Acq: 27 Nov 2019 18:11

Tgt Ion: 43 Resp: 1185

Ion Ratio Lower Upper

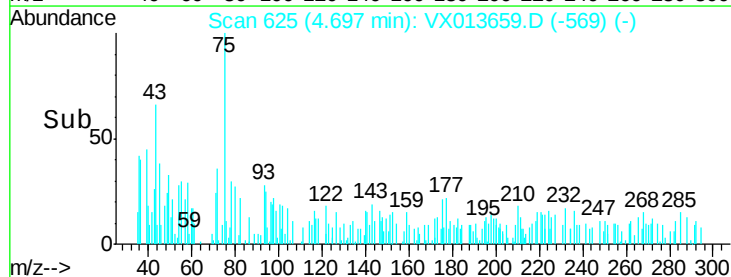
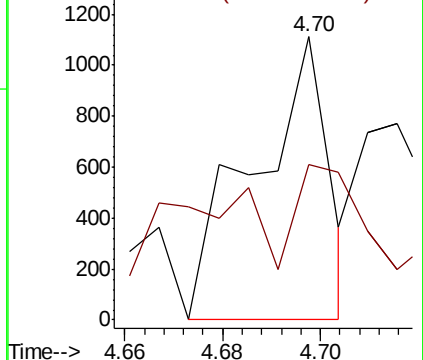
43 100

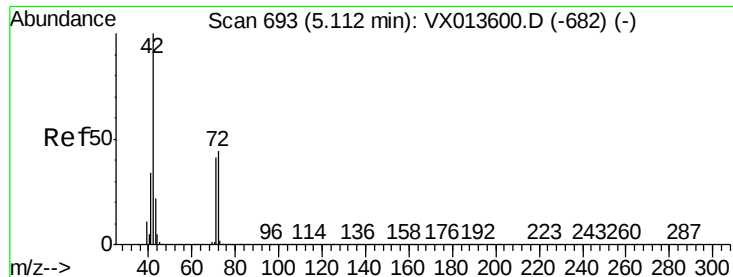
72 14.8 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

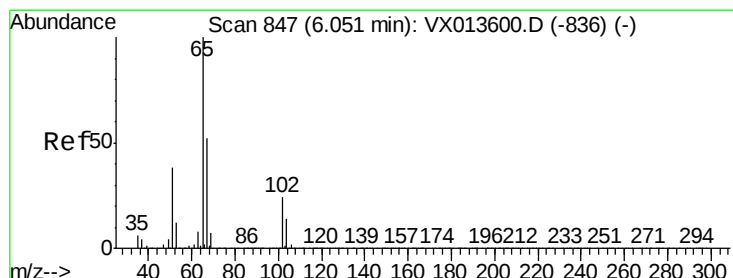
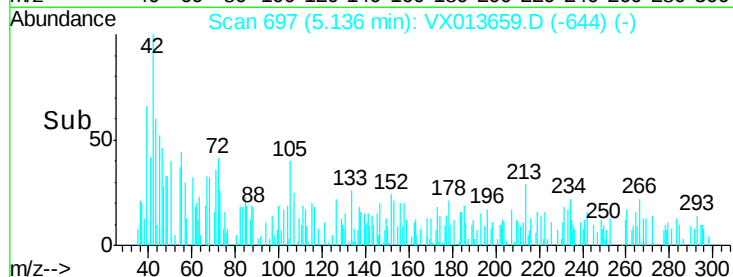
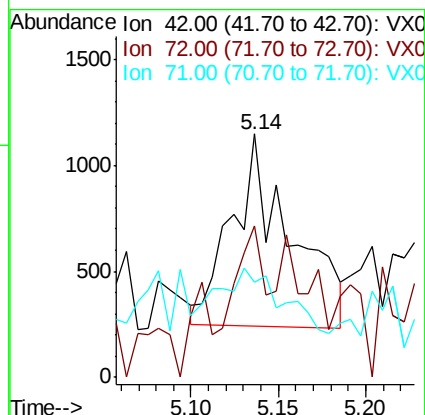
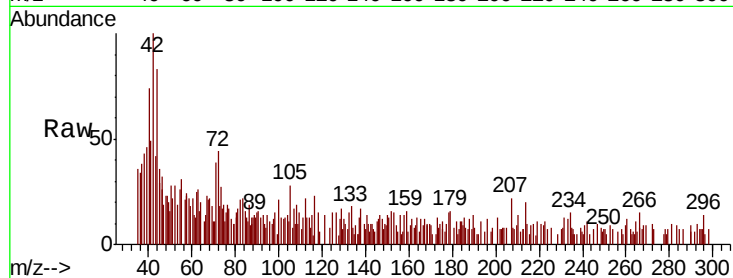




#29
Tetrahydrofuran
Concen: 0.643 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

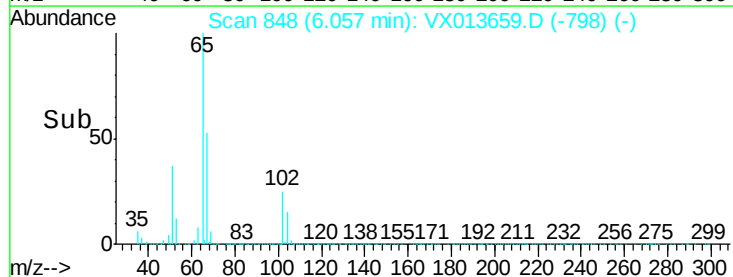
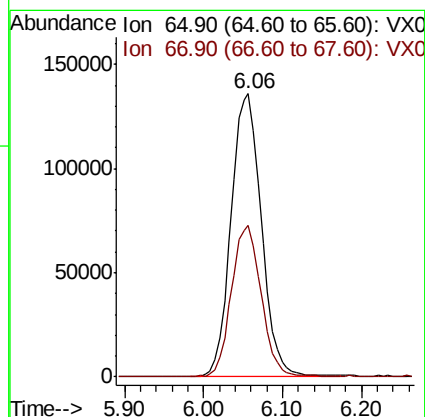
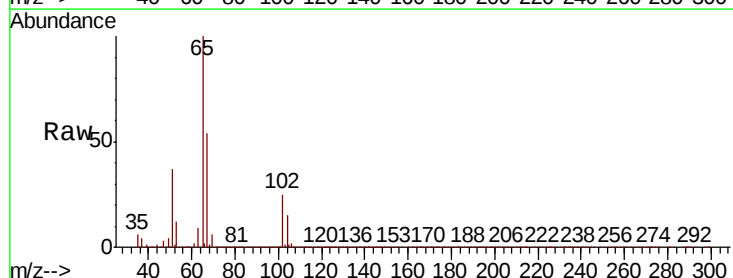
Instrument :
MSVOA_X
ClientSampleId :

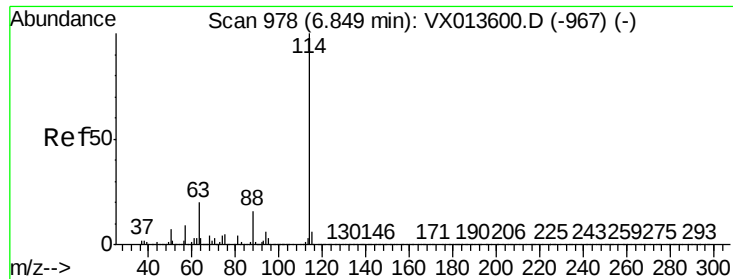
Tot Ion: 42 Resp: 2117
Ion Ratio Lower Upper
42 100
72 26.9 36.3 54.5#
71 58.7 33.2 49.8#



#33
1,2-Dichloroethane-d4
Concen: 49.754 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

Tgt Ion: 65 Resp: 362322
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampled :

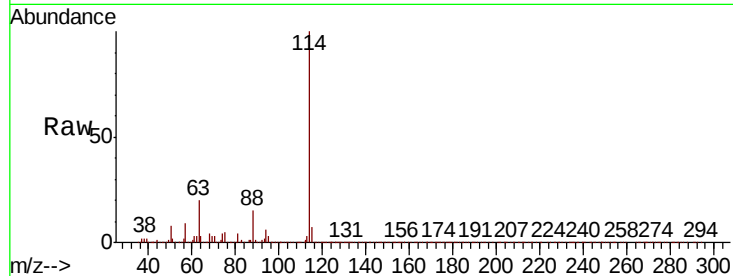
Tot Ion:114 Resp: 1002474

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

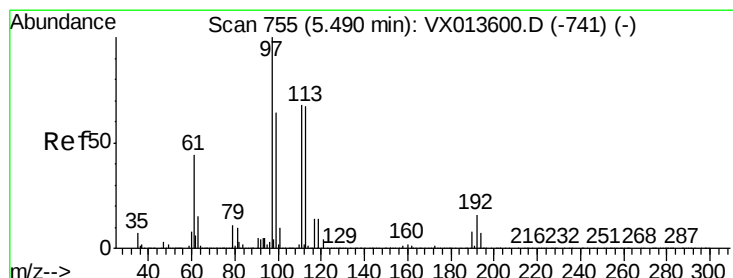
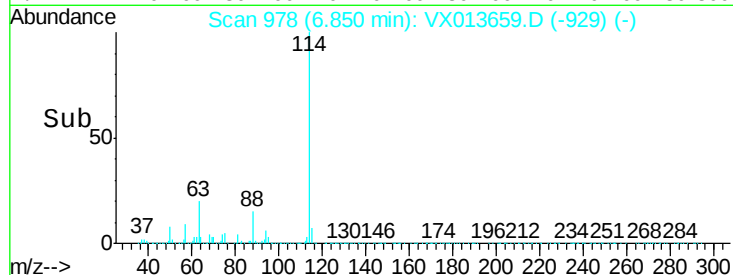
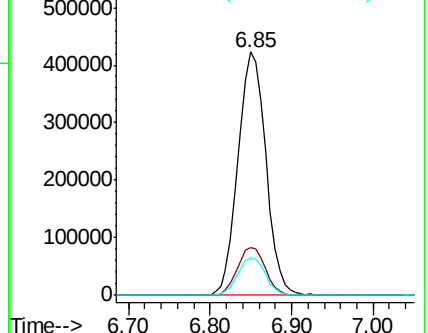
88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.824 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

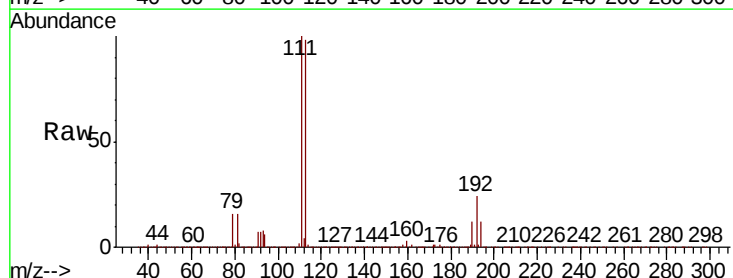
Tgt Ion:113 Resp: 302584

Ion Ratio Lower Upper

113 100

111 101.6 83.6 125.4

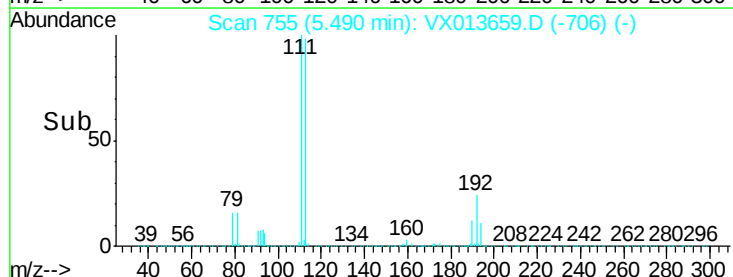
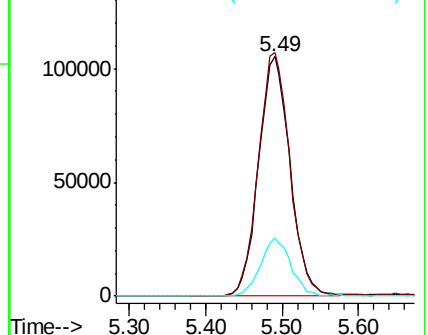
192 23.5 19.2 28.8

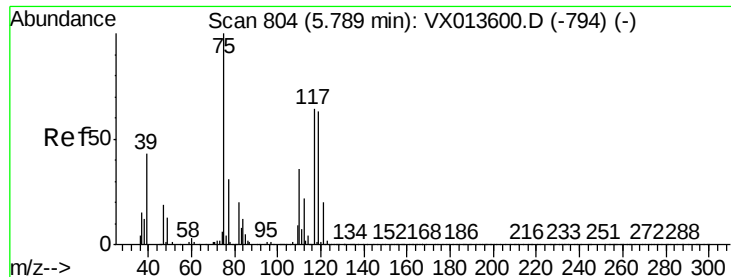


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

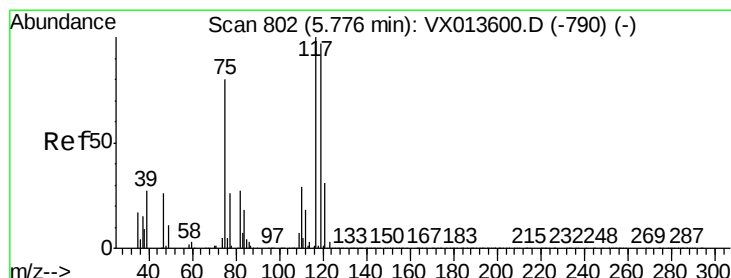
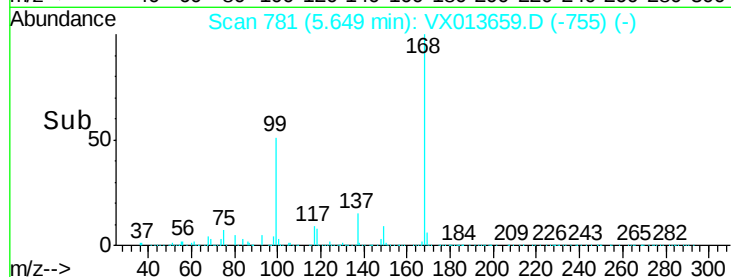
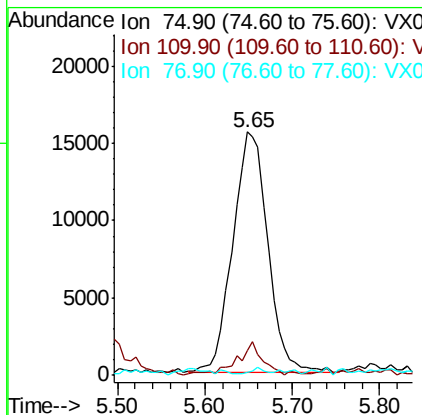
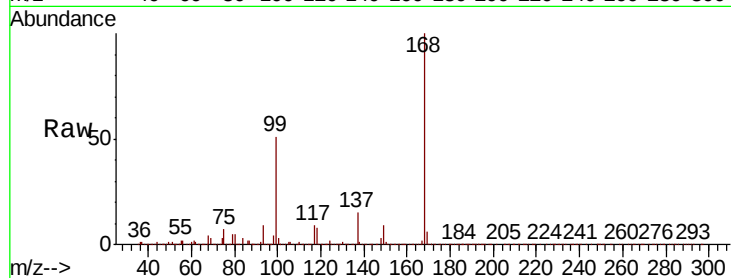




#36
 1,1-Dichloropropene
 Concen: 4.738 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013659.D
 Acq: 27 Nov 2019 18:11

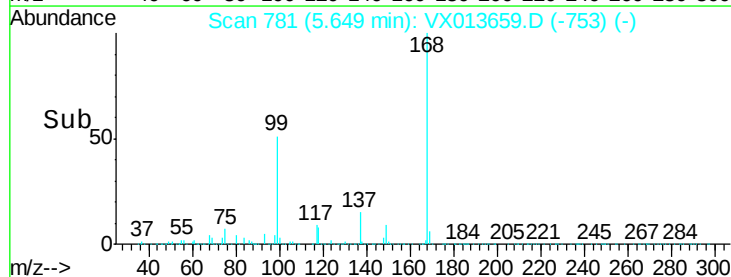
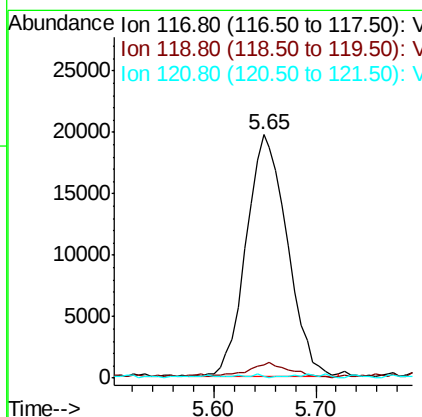
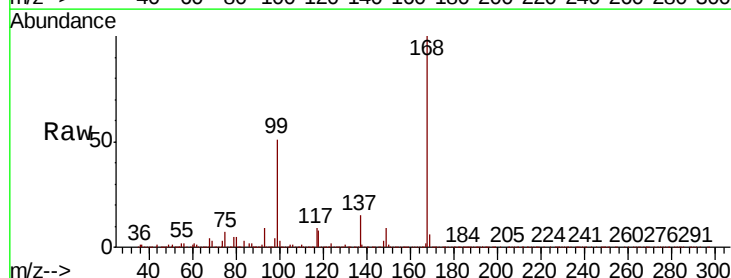
Instrument :
 MSVOA_X
 ClientSampleId :

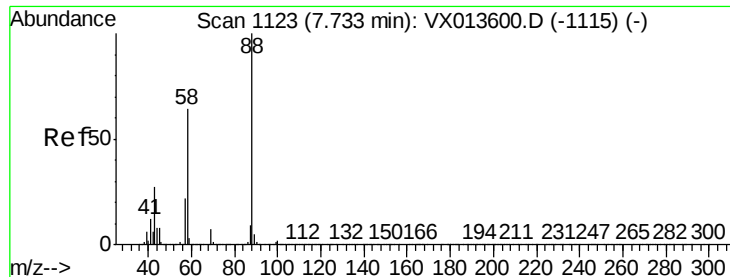
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.1#
77	1.1	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.566 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013659.D
 Acq: 27 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.5	116.3#
121	0.3	25.0	37.6#





#49

1,4-Dioxane

Concen: 2.692 ug/l

RT: 7.96 min Scan# 1160

Delta R.T. 0.23 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :

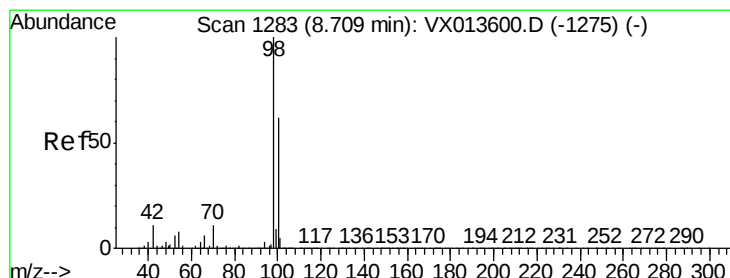
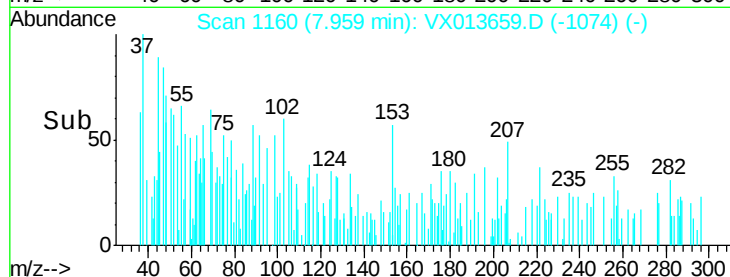
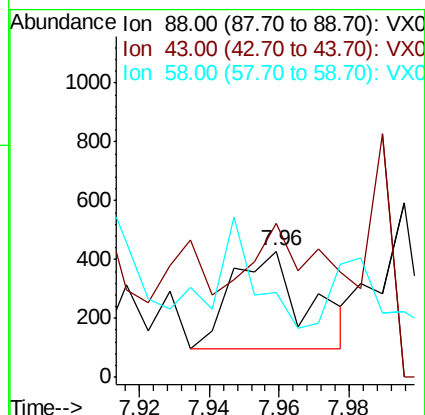
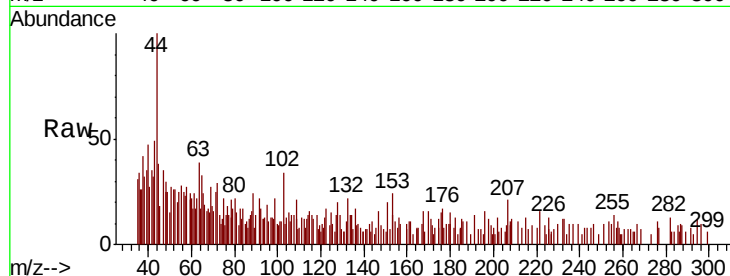
Tot Ion: 88 Resp: 492

Ion Ratio Lower Upper

88 100

43 35.2 25.8 38.6

58 61.2 54.6 82.0



#50

Toluene-d8

Concen: 49.750 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013659.D

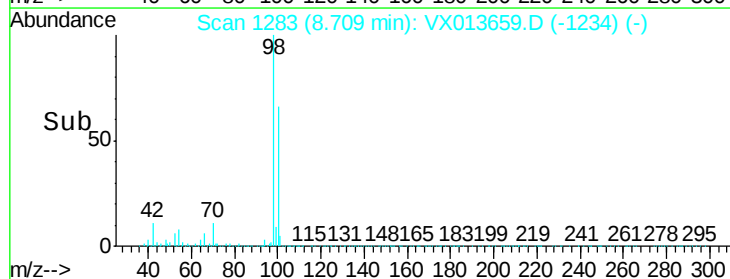
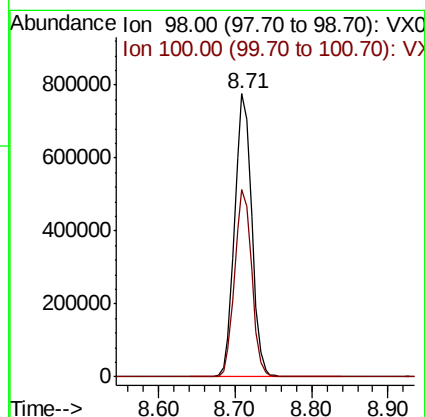
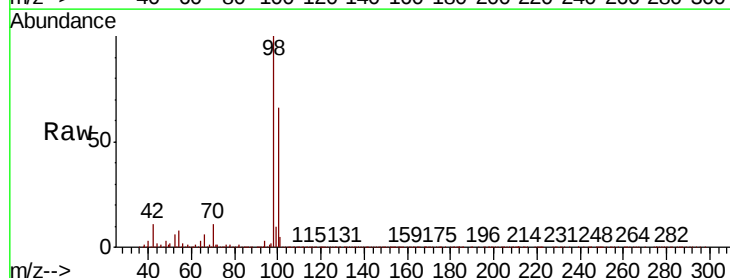
Acq: 27 Nov 2019 18:11

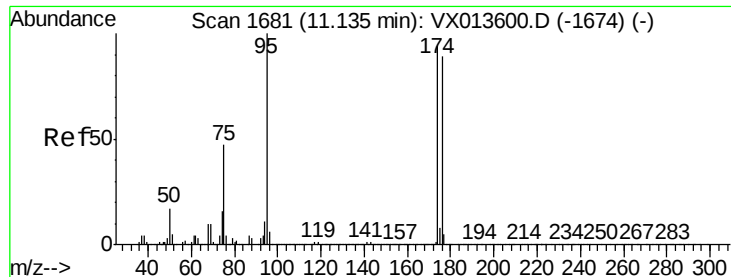
Tgt Ion: 98 Resp: 1201247

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 46.563 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

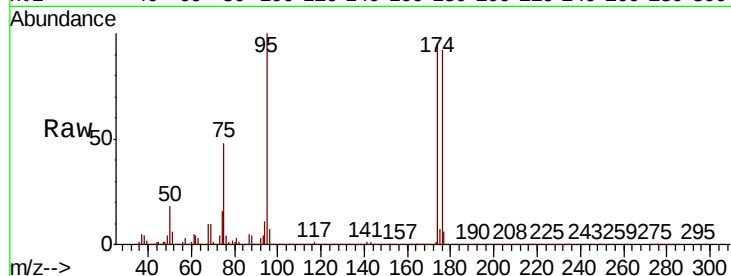
Tot Ion: 95 Resp: 405427

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.0

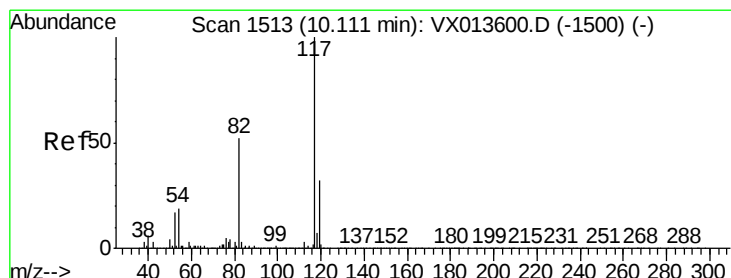
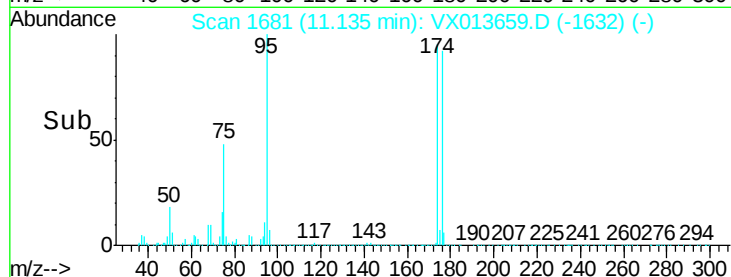
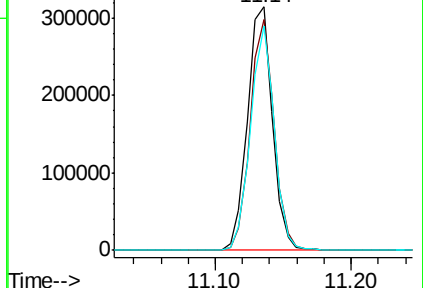
176 88.0 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013659.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013659.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013659.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

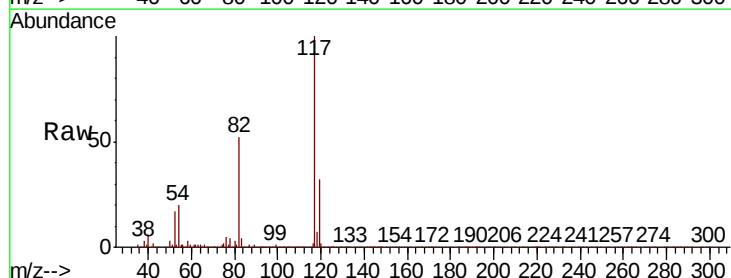
Tgt Ion: 117 Resp: 905931

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

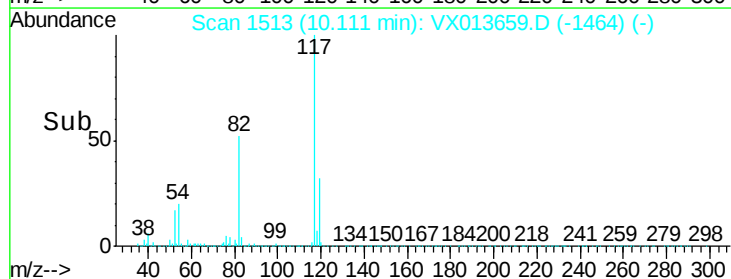
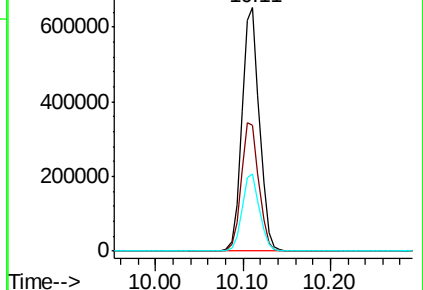
119 31.6 25.8 38.8

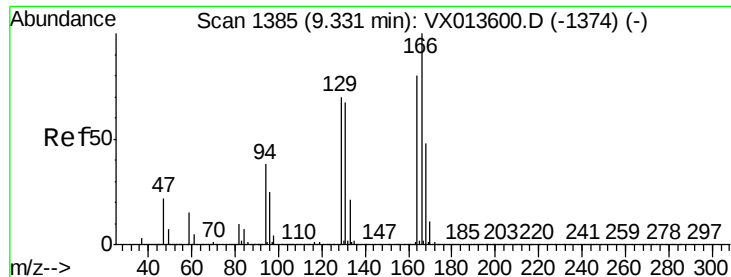


Abundance Ion 116.90 (116.60 to 117.60): VX013659.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013659.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013659.D (-1464) (-)





#64

Tetrachloroethene

Concen: 0.259 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 1752

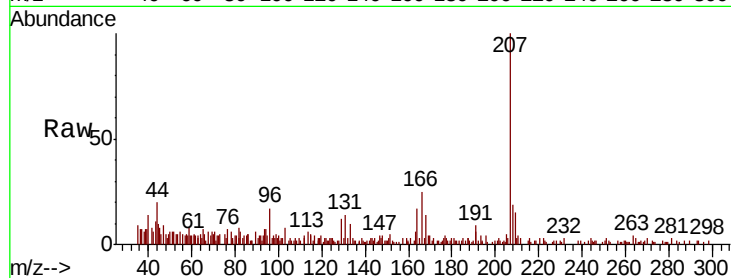
Ion Ratio Lower Upper

164 100

166 131.7 99.7 149.5

129 57.6 70.1 105.1#

131 53.9 66.9 100.3#

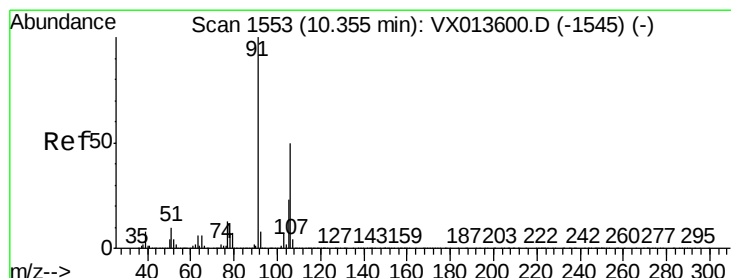
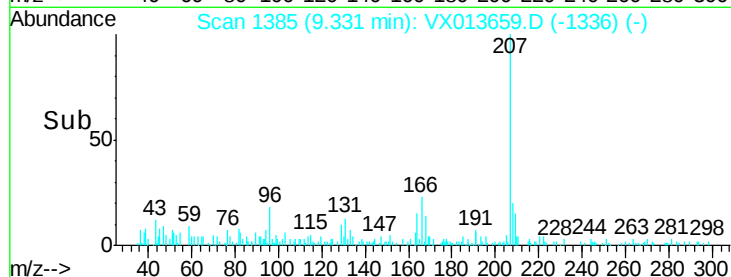
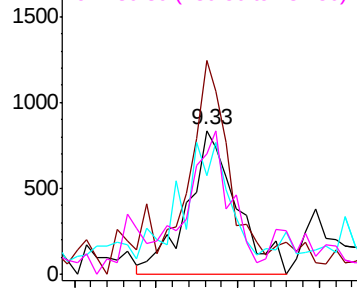


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.248 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013659.D

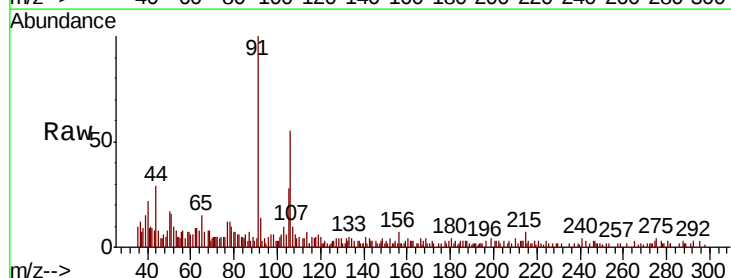
Acq: 27 Nov 2019 18:11

Tgt Ion:106 Resp: 3071

Ion Ratio Lower Upper

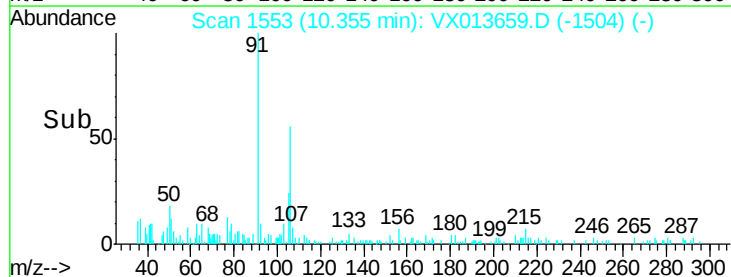
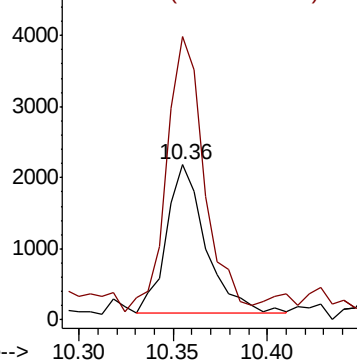
106 100

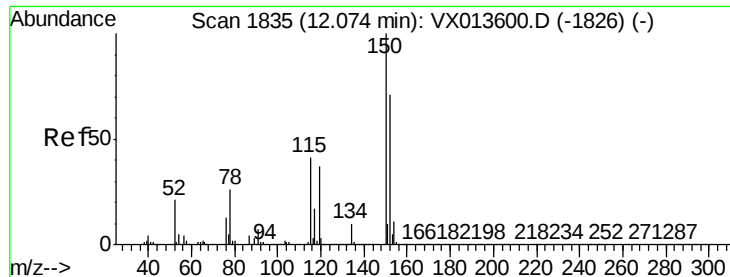
91 175.6 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



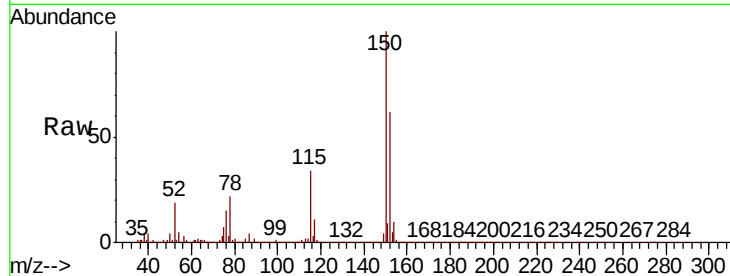


#72

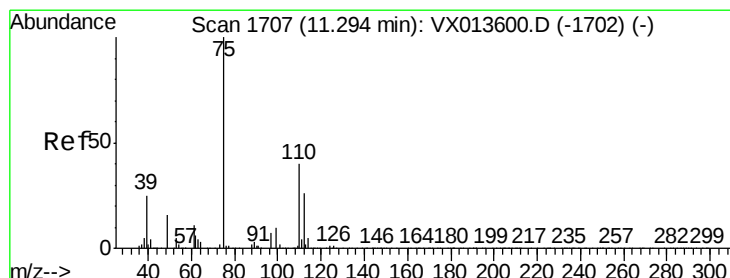
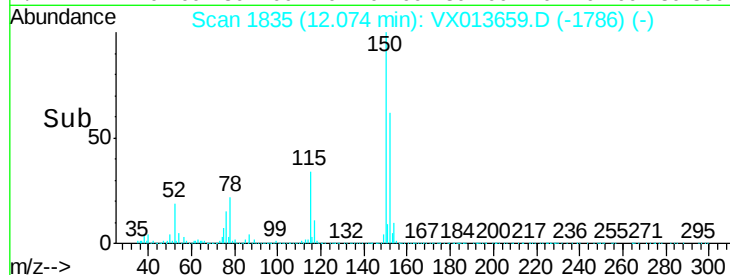
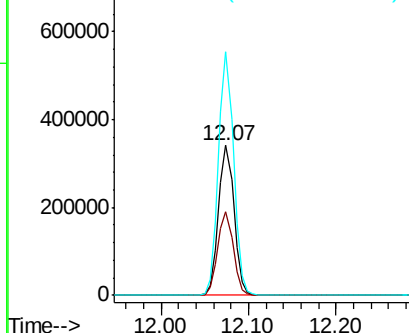
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.4	115.1
150	158.0	0.0	346.8



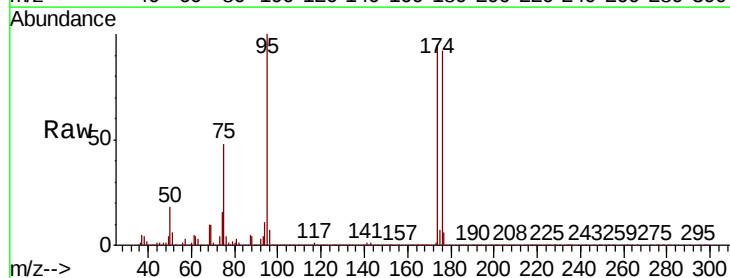
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



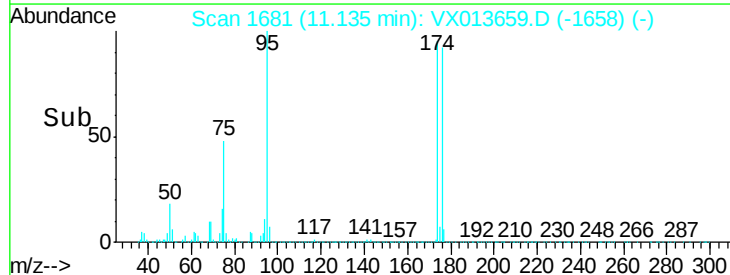
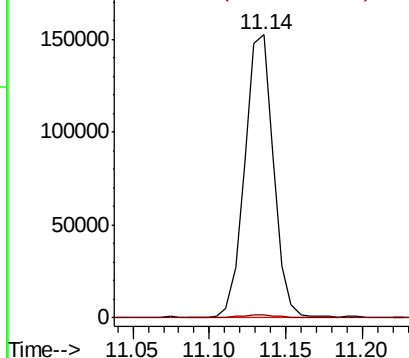
#76

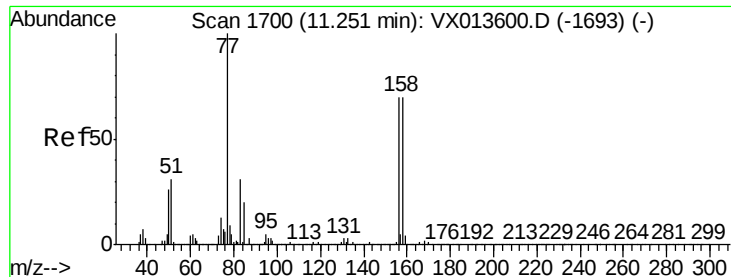
1,2,3-Trichloropropane
Concen: 21.049 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013659.D
Acq: 27 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.224 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

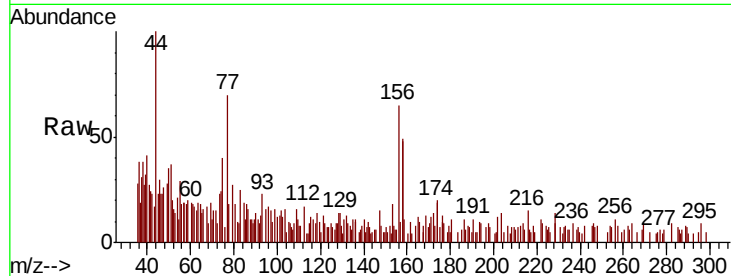
Tot Ion:156 Resp: 1777

Ion Ratio Lower Upper

156 100

77 127.1 74.4 223.1

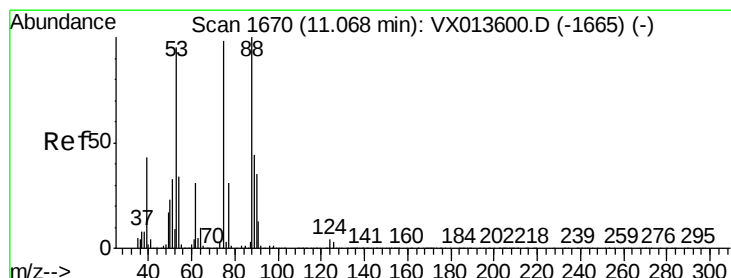
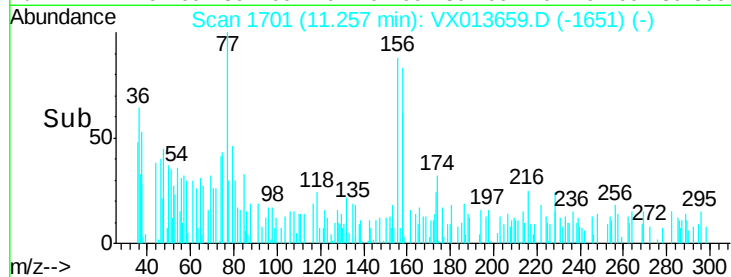
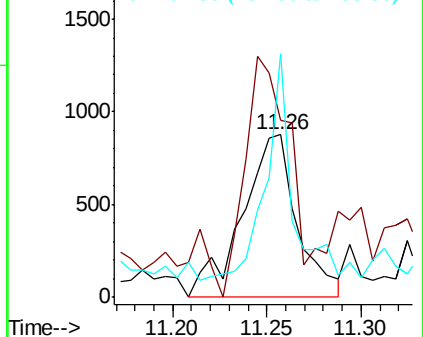
158 68.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 57.586 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

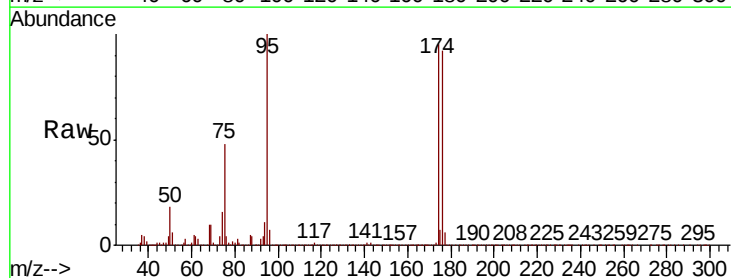
Tgt Ion: 75 Resp: 198179

Ion Ratio Lower Upper

75 100

53 0.3 78.2 117.2#

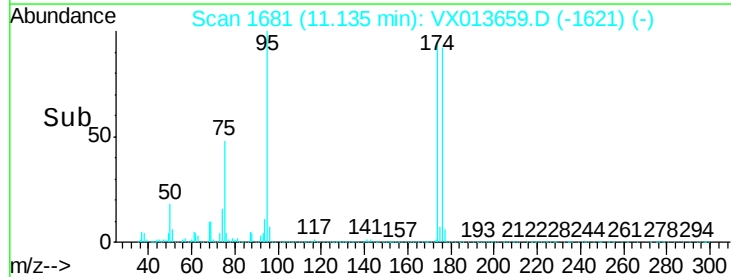
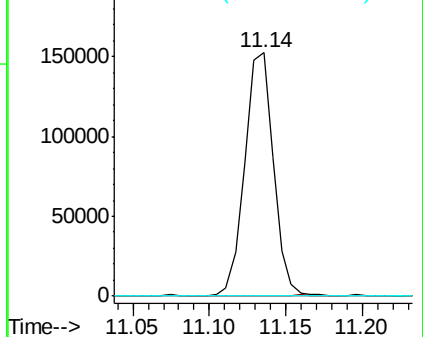
89 0.2 35.4 53.2#

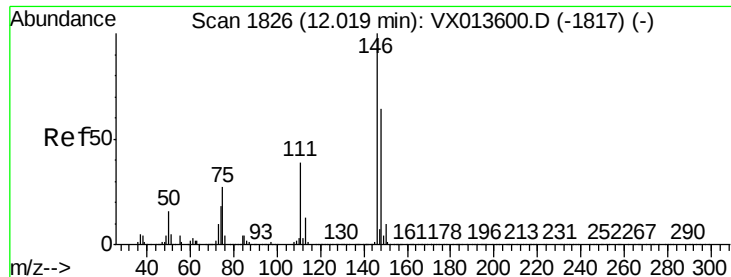


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

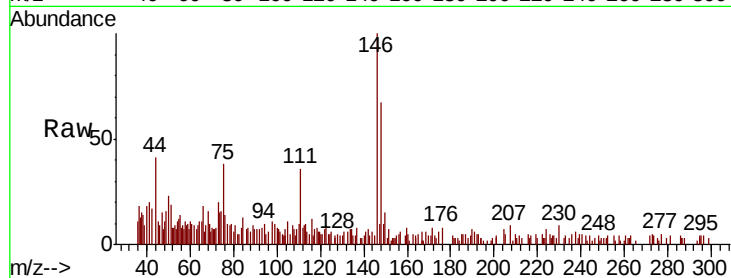




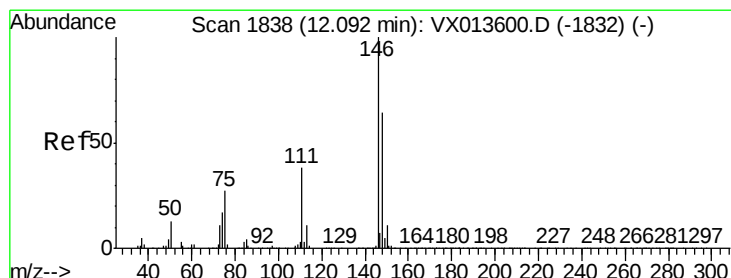
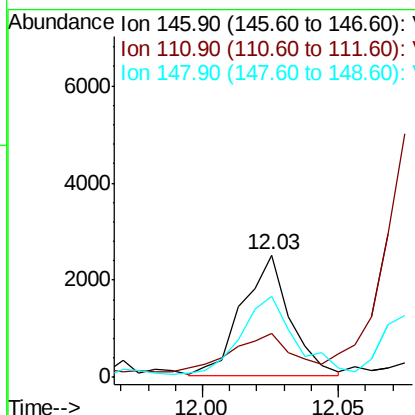
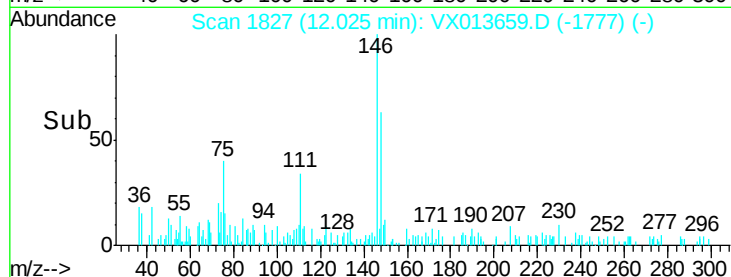
#87
 1,3-Dichlorobenzene
 Concen: 0.220 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013659.D
 Acq: 27 Nov 2019 18:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 3043
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.0 57.0
 148 76.9 31.8 95.4

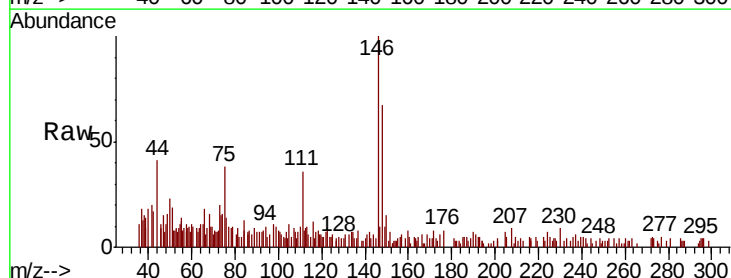


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

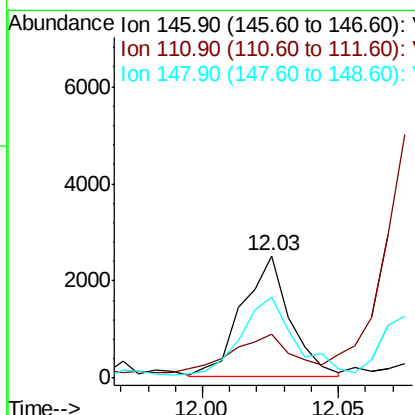
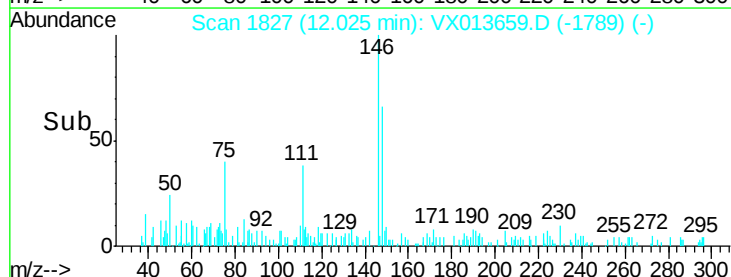


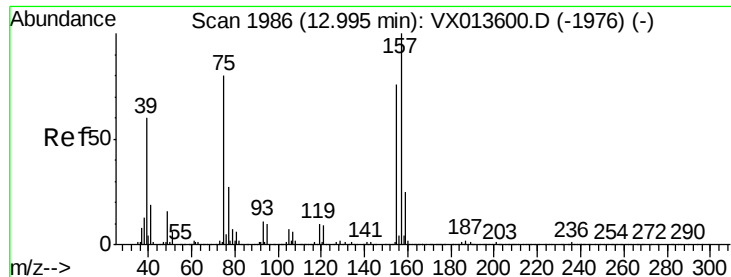
#88
 1,4-Dichlorobenzene
 Concen: 0.217 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. -0.07 min
 Lab File: VX013659.D
 Acq: 27 Nov 2019 18:11

Tgt Ion:146 Resp: 3058
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.9 56.9
 148 74.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

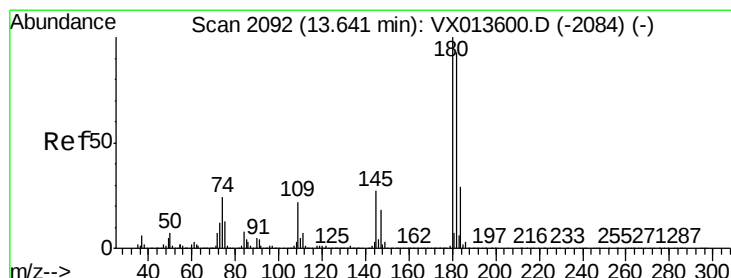
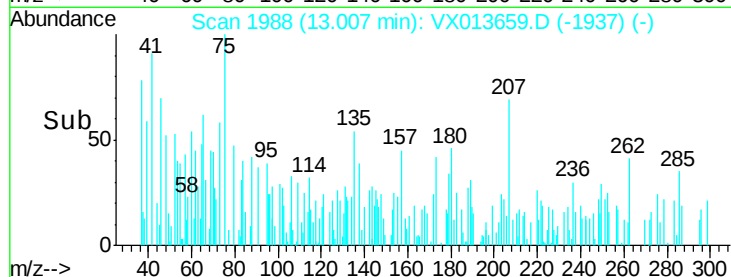
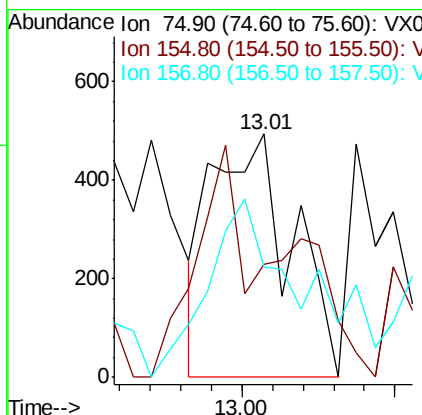
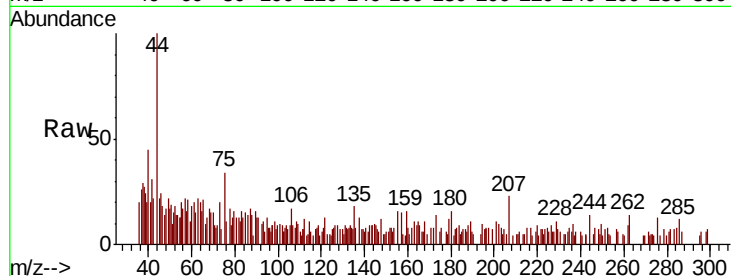




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.408 ug/l
 RT: 13.01 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VX013659.D
 Acq: 27 Nov 2019 18:11

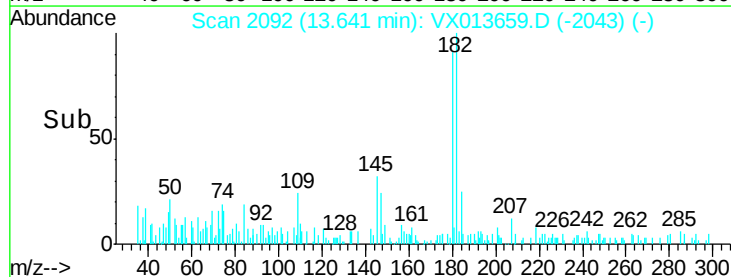
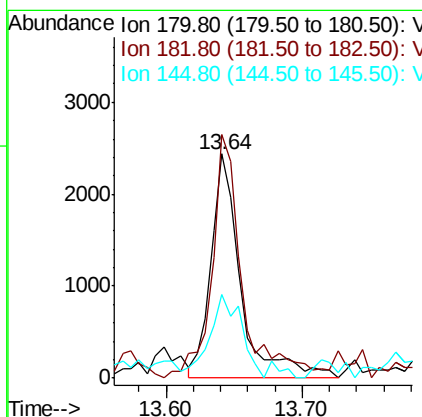
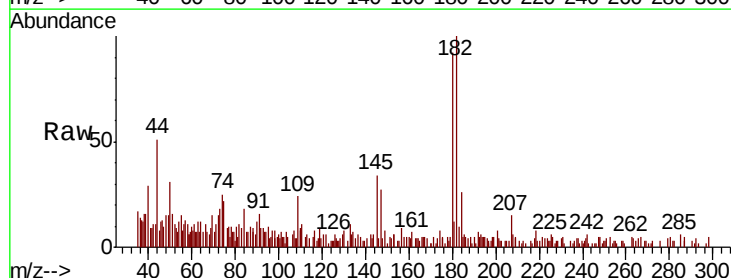
Instrument :
 MSVOA_X
 ClientSampled :

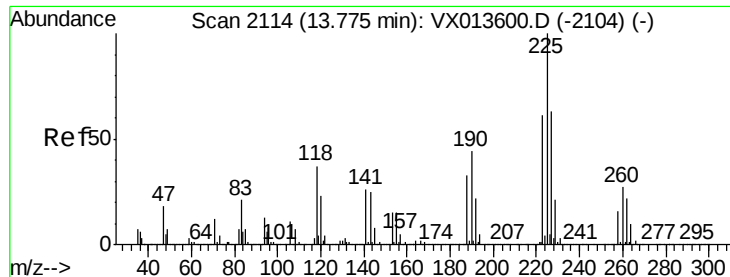
Tot Ion: 75 Resp: 904
 Ion Ratio Lower Upper
 75 100
 155 60.5 47.6 142.8
 157 87.3 62.1 186.2



#93
 1,2,4-Trichlorobenzene
 Concen: 0.392 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013659.D
 Acq: 27 Nov 2019 18:11

Tgt Ion: 180 Resp: 3728
 Ion Ratio Lower Upper
 180 100
 182 109.1 47.2 141.6
 145 39.8 13.8 41.4





#94

Hexachlorobutadiene

Concen: 0.353 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

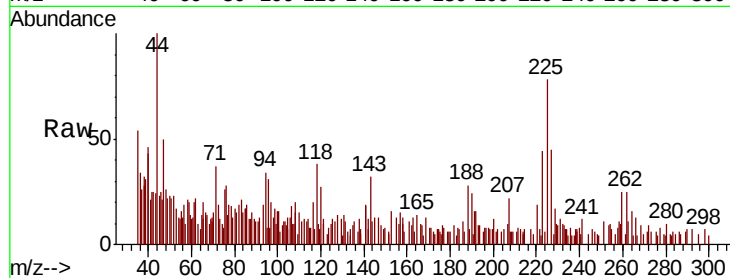
Tot Ion:225 Resp: 1616

Ion Ratio Lower Upper

225 100

223 68.9 31.9 95.5

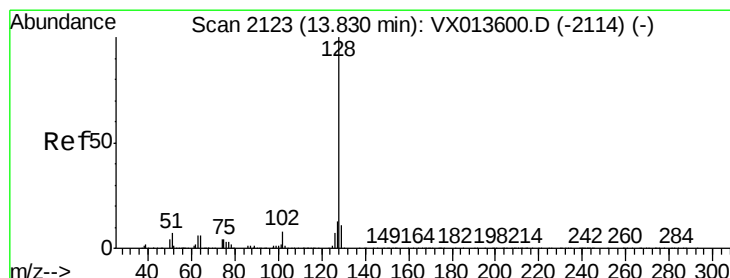
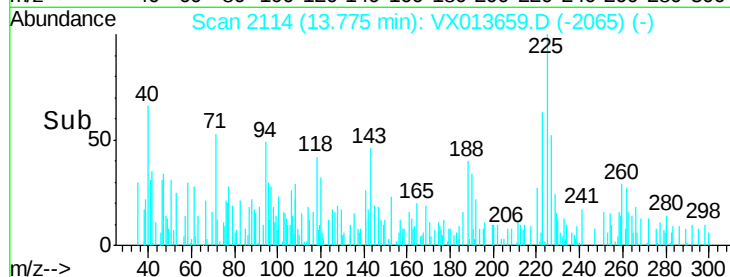
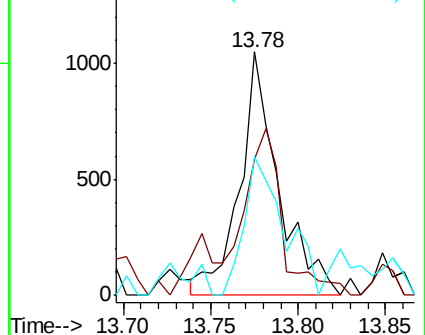
227 59.5 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.327 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

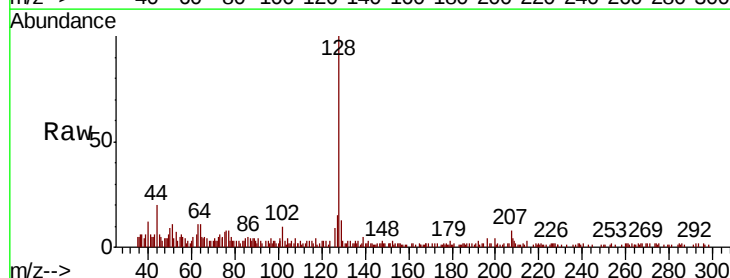
Tgt Ion:128 Resp: 9267

Ion Ratio Lower Upper

128 100

127 22.6 10.3 15.5#

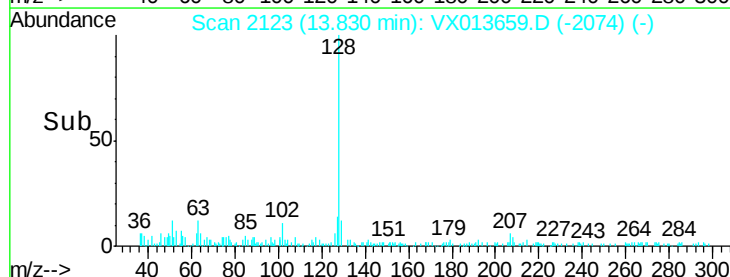
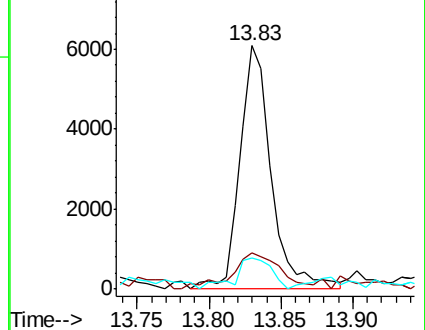
129 14.6 8.7 13.1#

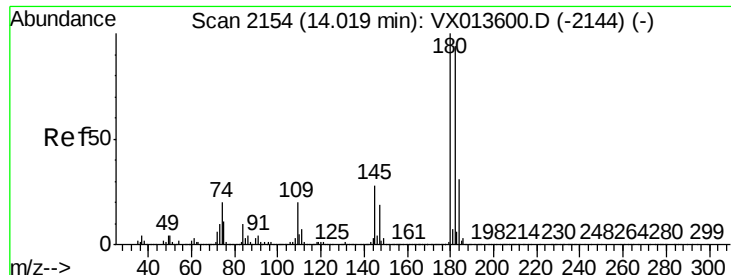


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.333 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VX013659.D

Acq: 27 Nov 2019 18:11

Instrument :

MSVOA_X

ClientSampleId :

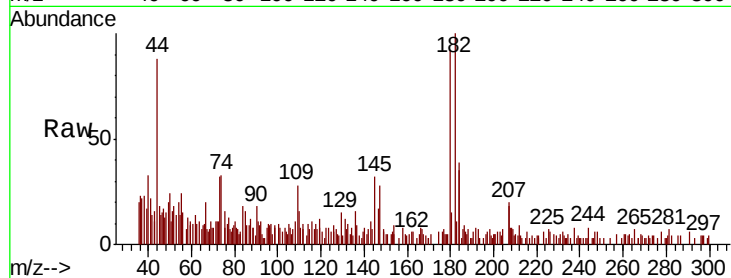
Tot Ion:180 Resp: 3142

Ion Ratio Lower Upper

180 100

182 105.3 47.6 142.8

145 39.6 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

